WEEKLY SOIL MOISTURE LOSS IN INCHES

(Estimated Evapotranspiration)

10/01/04 through 10/07/04

West of Sacramento River			East of Sacramento River	
Weekly Water Use	Accum'd Seasonal Use	**Crop (Leafout Date)**	Weekly Water Use	Accum'd Seasonal Use
0.96	49.31	Pasture	0.88	44.94
0.96	47.82	Alfalfa	0.88	43.45
0.74	37.26	Olives	0.67	33.99
0.61	32.14	Citrus	0.56	29.31
0.68	43.25	Almonds (3/1) *	0.63	39.32
0.68	41.98	Prunes (3/15) *	0.63	38.15
0.82	40.47	Walnuts (4/1) *	0.77	36.68
0.73	43.47	Urban Turf Grass	0.67	39.76

* Estimates are for orchard floor conditions where vegetation is managed by some combination of strip applications of herbicides, frequent mowing or tillage, and by mid and late season waterstress. Weekly estimates of soil moisture loss can be as much as

WEEKLY APPLIED WATER IN INCHES[1]

50%	60%	70%	80%	90%	← Efficiency →	50%	60%	70%	80%	90%
1.5	1.2	1.1	0.9	0.8	Olives	1.3	1.1	1.0	0.8	0.7
1.2	1.0	0.9	0.8	0.7	Citrus	1.1	0.9	0.8	0.7	0.6
1.4	1.1	1.0	0.9	0.8	Almonds (3/1)	1.3	1.1	0.9	0.8	0.7
1.4	1.1	1.0	0.9	0.8	Prunes (3/15)	1.3	1.1	0.9	0.8	0.7
1.6	1.4	1.2	1.0	0.9	Walnuts (4/1)	1.5	1.3	1.1	1.0	0.9

[1] The amount of water required by a specific irrigation system to satisfy evapotranspiration. Typical ranges in irrigation system efficiency are: Drip Irrigation, 80%-95%; Micro-sprinkler, 80%-90%; Sprinkler, 70%-85%; and Border-furrow, 50%-75%.

For further information, contact the Tehama Co. Farm Advisor's office at 527-3101.